

Title (en)
ANTISTATIC AGENT, MOLDED ARTICLE COMPRISING INSULATOR POLYMER MATERIAL, AND METHOD FOR PRODUCING SAME

Title (de)
ANTISTATISCHES MITTEL, FORMKÖRPER MIT ISOLATIONSPOLYMER MATERIAL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
AGENT ANTISTATIQUE, ARTICLE MOULÉ COMPRENANT UN MATÉRIAU POLYMÈRE ISOLANT ET PROCÉDÉ POUR LE PRODUIRE

Publication
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Application
EP 15760362 A 20150325

Priority

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- JP 2015059133 W 20150325

Abstract (en)
[origin: EP2957614A1] An object of the present invention is to provide an antistatic agent composed of a donor-acceptor type molecular compound that can prevent static charge on an insulating polymer material surely with good persistency and reproducibility. The antistatic agent of the present invention is composed of a donor-acceptor type molecular compound represented by the general formula (1) below and obtained by melt-mixing and reacting a semi-polar organoboron compound (donor component) of the upper part in the general formula (1) below with a basic nitrogen compound (acceptor component) of the lower part in the general formula (1) below, wherein R1 and R2 are each independently CH₃ (CH₂)₁₆-CO-OCH₂ or HOCH₂ and at least one thereof is CH₃ (CH₂)₁₆-CO-OCH₂; R3 and R4 are each independently CH₃, C₂H₅, HOCH₂, HOC₂H₄, or HOCH₂CH(CH₃); and R5 is C₂H₄ or C₃H₆.

IPC 8 full level
C09K 3/16 (2006.01); **C08J 5/18** (2006.01); **C08K 5/20** (2006.01); **C08K 5/55** (2006.01)

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Citation (search report)

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- See references of WO 2015156133A1

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